Appln. No. 09/905,716
Amendment Date: January 18, 2005
Reply to Office Action of November 18, 2004

JAN 1 3 2005

Amendments to the specification:

Please replace the paragraph beginning after the heading enti-
tled "BACKGROUND OF THE INVENTION" at the top of page 1 as fol-
lows:

A filter and processing sequence is described that efficiently combines and performs two or

more tasks required to demodulate a composite 3G (third generation) wireless signal

formed by a combination of wideband 3.84 MHz (Universal Mobile Telecommunications

System, hereinafter referred to as "UMTS" or Universal Mobile Telecommunications Sys-

tem Terrestrial Radio Access, hereinafter referred to as "UTRA") carriers and narrow-

band 1.2288 MHz CDMA-2000 carriers. The three tasks, applied to each spectral compo-

nent of the 3G wireless signal and described in the order of a traditional filtering structure

are: Spectral translation, Bandwidth Reduction, and Sample Rate Selection. These tasks

are traditionally implemented in three distinct pieces of hardware or software modules.

Please insert the following heading after line 5 on page 5:

SUMMARY OF THE INVENTION